FORM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 11-2000)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 294-114 PCT/US
	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR **10/018699**

INTERNATIONAL APPLICATION NO. PCT/IB00/00865	INTERNATIONAL FILING DATE 28 June 2000	PRIORITY DATE CLAIMED 28 June 1999

TITLE OF INVENTION

METHOD AND APPARATUS FOR DETERMINING A FLOW PATTERN OF A FLUID IN A SPACE

APPLICANT(S) FOR DO/EO/US

Karl Hans Bert JANSSENS, Erik Joannes Matheus VRANKEN, Daniel Albert BERCKMANS

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.

4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))

    a. ☐ is attached hereto (required only if not communicated by the International Bureau).

    b. ☒ has been communicated by the International Bureau.

    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☐ is attached hereto.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☒ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☐ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).

12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

15. ☒ A **FIRST** preliminary amendment.

16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.

17. ☐ A substitute specification.

18. ☐ A change of power of attorney and/or address letter.

19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1:821 - 1.825.

20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

22. ☒ Certificate of Mailing by Express Mail
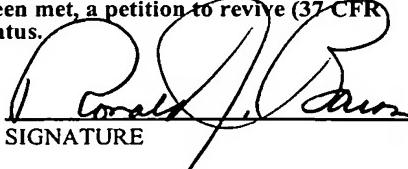
23. ☒ Other items or information:

    Copy of the international patent application as published under International Publication Number WO 01/01082.

EXPRESS MAIL CERTIFICATE

Date: 12/12/01   Label No. EL 470331376 US

I hereby certify that the date indicated above, I deposited this paper or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, Washington, DC 20231 by "EXPRESS MAIL Post Office to Addressee" Service.

J Peterson
(Print Name)   (Signature)

PCTUS1/REV03

| U.S. APPLICATION NO. (IF KNOWN SEE) 10/018 | INTERNATIONAL APPLICATION NO. PCT/IB00/00865 | ATTORNEY'S DOCKET NUMBER 294-114 PCT/US |

| 24. The following fees are submitted:. | CALCULATIONS PTO USE ONLY |

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **$1040.00**

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **$890.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **$740.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **$710.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **$100.00**

| **ENTER APPROPRIATE BASIC FEE AMOUNT =** | **$890.00** |

Surcharge of $130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | **$0.00** |

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	21 - 20 =	1	x $18.00	$18.00
Independent claims	2 - 3 =	0	x $84.00	$0.00
Multiple Dependent Claims (check if applicable)			☐	$0.00

| **TOTAL OF ABOVE CALCULATIONS =** | **$908.00** |

☐ Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2. | **$0.00** |

| **SUBTOTAL =** | **$908.00** |

Processing fee of $130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). + | **$0.00** |

| **TOTAL NATIONAL FEE =** | **$908.00** |

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐ | **$0.00** |

| **TOTAL FEES ENCLOSED =** | **$908.00** |

| | Amount to be: refunded | $ |
| | charged | $ |

a. ☒ A check in the amount of ___$908.00___ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. ___08-2461___ A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Ronald J. Baron, Esq.
Hoffmann & Baron, LLP
6900 Jericho Turnpike
Syosset, New York 11791

Telephone: 516-822-3550
Facsimile: 516-822-3582

SIGNATURE

Ronald J. Baron
NAME

29,281
REGISTRATION NUMBER

12 December 2001
DATE